

ENERGY-CONSERVING COMPUTER ACCESSIBLE REMOTELY AND INSTANTANEOUSLY

Inventor: Howard Hong-Dough Lee

Filed: April 16, 1999

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ABSTRACT

10 An energy-conserving computer system comprises keep-alive and switchable power-distributing circuitry for separately energizing keep-alive and main circuitry such as microprocessor, primary memory storage, and expansion cards. Secondary memory-storage drives are in power connection only with switchable power-distributing circuitry. Not only is energy consumption conserved to the greatest extent for a line-operated computer, but operating hours can be correspondingly extended for a battery-operated notebook computer. Through use of the very least amount of power technologically possible, the energy-conserving computer system becomes accessible remotely and instantaneously, thus for the first time totally eliminating the time-consuming, manual shutdown and booting processes inevitably required in conventional practice.

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